Pest Management Regulatory Agency
Agence de réglementation de la lutte antiparasitaire

Re-evaluation Note

REV2004-03

Discontinuation of Agricultural Products Registered under the *Pest Control Products Act* and Proposed Changes to Maximum Residue Limits under the *Food and Drugs Act*

Regulatory Directive DIR2001-03, *PMRA Re-evaluation Program*, indicated that the Pest Management Regulatory Agency (PMRA) intended to review the continued acceptability of 405 active ingredients and their associated end-use products (EPs) under Section 19 of the Pest Control Products (PCP) Regulations. This number was reduced to 401, since 4 of them were disinfectants that are no longer regulated under the *Pest Control Products Act* (PCPA).

Since the initiation of the re-evaluation program, the registrations of a number of active ingredients and their associated EPs have been discontinued by registrants. In such cases, the PMRA does not schedule the pesticide for further review and a phase-out schedule is established. Furthermore, for agricultural products, the PMRA recommends that the Food and Drug Regulations (FDR) be amended, unless additional data to support residues in imported foods are provided.

The purpose of this document is to inform interested parties of the discontinuation of such active ingredients and to invite comments on the resulting changes to maximum residue limits (MRLs). The implementation of the proposals outlined in this document completes the re-evaluation of 11 active ingredients.

Please forward all comments or requests regarding MRLs to the Publication Coordinator at the address below within 60 days of the date of publication of this document.

(publié aussi en français)

16 July 2004

This document is published by the Alternative Strategies and Regulatory Affairs Division, Pest Management Regulatory Agency. For further information, please contact:

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Information Service:
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ISBN: 0-662-37735-4 (0-662-37736-2)
Catalogue number: H113-5/2004-3E (H113-5/2004-3E-PDF)

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1.0 Purpose

Regulatory Directive DIR2001-03, *PMRA Re-evaluation Program*, indicated that the PMRA intended to review the continued acceptability of 405 active ingredients and their associated end-uses under Section 19 of the PCP Regulations. This number was reduced to 401, since 4 of these were disinfectants that are no longer regulated under the PCPA.

The purpose of this document is as follows:

- to inform interested parties of active ingredients that have been discontinued;
- to indicate the proposed changes to the MRLs for discontinued agricultural pesticides, and the timeframes for those changes; and
- to request that interested parties contact the PMRA if they intend to petition for establishment of import MRLs for discontinued pesticides.

2.0 General background on re-evaluation

The PMRA is re-evaluating, under Section 19 of the Regulations pursuant to the PCPA, all pesticides, both active ingredients and formulated EPs that were registered prior to 1995 to ensure that their continued acceptability is examined using current scientific approaches. Regulatory Directive DIR2001-03, *PMRA Re-evaluation Program*, presents the details of the re-evaluation activities.

Since the initiation of the re-evaluation program, certain registrants have chosen not to support the continued registration of particular active ingredients, resulting in the discontinuation of the registration of their technical active ingredient and any EPs formulated with that active ingredient. In such cases, the PMRA does not schedule the pesticide for further review, and Canadian use is phased out by establishing the last date of use (i.e., the expiry date) for existing product.

3.0 Changes to the residue limits of discontinued agricultural products

In general, when the use of an agricultural pesticide is discontinued and phased out in Canada, data needs to be provided to re-evaluate the continued acceptability of food residues of that active ingredient using current approaches. This requirement is to enable the PMRA to assess the continued acceptability of MRLs listed in Table II, Division 15 of the FDR. In such cases, the PMRA will recommend that the FDR be amended to remove any existing MRLs, unless there is reason to believe that those MRLs will be needed for imported produce. Examples of such situations include the following:

- if there is a recent USEPA Reregistration Eligibility Decision (RED) document that indicates tolerances are being maintained in the United States and the data and/or applicable DERs are provided to the PMRA to support these MRLs; or

- if interested parties contact the PMRA indicating continued support for particular commodities for imported produce. Import MRLs will be established if the PMRA determines that the requested MRLs are needed and would not result in unacceptable health risks.

In the absence of the requested information regarding American tolerances, or other indications of the need to maintain import MRLs, the proposed amendments to the FDR will be published in the Canada Gazette. Once the new MRLs are finalized, the sale of foods with residues of pesticides that exceed 0.1 ppm (i.e. the general MRL specified in subsection B.15.002(1) of the FDR) will be prohibited. Changes to the general MRL may be implemented in the future, as indicated in the Discussion Document DIS2003-01, *Revocation of the 0.1 ppm General Maximum Residue Limit for Food Pesticide Residues [Regulation B.15.002(1)]*.

The timing of the amendments to the MRLs will be adjusted for each active ingredient to reflect the phase-out schedule of discontinued products. When the registration of an agricultural chemical is discontinued, existing products may be applied to crops following the label instructions until the expiry date, which is determined when the product is discontinued. The PMRA proposes that, under normal circumstances, the existing MRLs remain in place for an additional year after the last expiry date of all EPs containing that pesticide. This is to ensure that food treated legally in Canada is able to clear the channels of trade.

4.0 Lists of affected pesticides

Table 1 lists recently discontinued pesticide active ingredients that have MRLs listed in Table II, Division 15 of the FDR as well as information used in determining the earliest date when proposed MRL changes would take effect. This table also presents the last date any product containing that active ingredient may be applied to any crop in Canada. The PMRA proposes to allow an additional year after the last product expiry date for treated produce to clear the channels of trade before the applicable MRLs are changed, unless sufficient information supporting import MRLs is provided as a result of this consultation. The effective date for the MRL change may be later depending on the time needed for processing the amendment, or to allow information in support of American tolerances to be provided.

Table 2 lists recently discontinued pesticide active ingredients that could be used on food in Canada or elsewhere, for which there are currently no specific MRLs in Canada. This document informs stakeholders of the registration change of these products.

Details of the last date of use on a particular commodity, or of particular products that may still be used, if applicable, are available in Appendix I.

Table 1 **Recently discontinued pesticide active ingredients with specified MRLs, their expiry dates for use in Canada and the proposed earliest date for amending the MRL in Canada**

Active ingredient	Type of pesticide	Details on specific products that may still be used	Last date of application (expiry date)[1]	Earliest date the MRL change would take effect[2]	Notes
Propargite	Acaricide	–	31 Dec. 2002	31 May 2006	3, 4
Methoxychlor	Insecticide	Appendix I	31 Dec. 2005	31 Dec. 2006	5

1. Last date of application of <u>any</u> product for <u>any</u> food use.
2. Once the MRL is amended, food in commerce may not contain residues greater than 0.1 ppm.
3. These products were not renewed beyond the expiry date.
4. A USEPA RED has indicated continued support of this active ingredient on a number of crops. The registrant will be contacted to provide applicable data within two years, delaying the earliest proposed date of MRL change.
5. All tolerances for this active ingredient have been revoked in the United States.

Table 2 **Recently discontinued pesticide active ingredients and their expiry dates for use in Canada**

Active ingredient	Type of pesticide	Details of on specific products that may still be used	Last date of application of any product for any food use (expiry date)	Notes
Kinoprene (racemic)	Insecticide	–	31 Dec. 2001	1
Oxydemeton methyl	Insecticide	Appendix I	13 Nov. 2002	2
Flurecol-methyl	Plant growth regulator	–	31 Dec. 2001	–
Butylate	Herbicide	–	25 Mar. 2003	–
Pebulate	Herbicide	–	31 Dec. 2002	–
Cycloate	Herbicide	–	31 Dec. 2002	–
Monolinuron	Herbicide	–	31 Dec. 2003	3
Difenzoquot	Herbicide	Appendix I	31 Dec. 2009	–
Bendiocarb	Insecticide	Appendix I	31 Dec. 2008	–

1. Products containing a related pesticide, isomer-specific s-kinoprene, are not discontinued. S-kinoprene is not registered for use on food.
2. Products may be used on non-food commodities until 30 Sept. 2005, as per Appendix I.
3. Products with food uses have expired.

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3. Products with food uses have expired.

5.0 Conclusion

Parties interested in supporting an MRL to allow imports of specific commodities treated with pesticides indicated in this proposal should contact the PMRA within 60 days of publication of this document. Similarly, comments regarding the proposed date of changes to the MRLs should be sent to the PMRA within this timeframe.

Appendix I Discontinued products that may still be used according to label directions until the expiry date

Active ingredient	Product type(s)	Marketing type	Reg. No.	Product name	Uses	Expiry date
Oxydemeton methyl	Insecticide	Domestic	14027	Later's Latox Systemic Insect Killer	Ornamentals (field)	20 May 2005
		Domestic	25290	C-I-L Systemic Tree & Shrub Insect & Mite Killer	Ornamentals (field)	30 Sept. 2005
		Domestic	10964	Wilson Liquid Tree & Shrub Spray	Ornamentals (field)	30 Sept. 2005
Methoxychlor	Insecticide	Commercial	13727	Clean Crop Methoxychlor 240 Insecticide	Food crops, animals, ornamentals	31 Dec. 2005
		Commercial	12029	Captan 30-Methoxychlor 3 Fungicide-Insecticide Seed Treatment	Food crops	31 Dec. 2004
		Domestic	5780	CO-OP Flower & Garden Dust Insecticide-Fungicide	Food crops, ornamentals	31 Dec. 2005
		Domestic	9704	Later's Rose & Floral Dust Insecticide-Fungicide	Ornamentals	31 Dec. 2005
		Domestic	16016	Later's Methoxychlor 25% EC Insecticide	Food crops, ornamentals, dwellings	31 Dec. 2005
		Domestic	8784	Hartz 2 in 1 Flea & Tick Spray (for Dogs)	Animals	31 Dec. 2004
		Domestic	9754	Raid Yard Fogger	Outdoor living areas	31 Dec. 2004
		Domestic	18480	C-I-L Methoxychlor Blackfly & Mosquito Killer	Food crops, outdoor living areas, dwellings, ornamentals	31 Dec. 2004
Difenzoquot	Herbicide	Commercial	12853	Avenge 200-C Wild Oat Herbicide	Cereal crops, forage crops	31 Dec. 2009
Bendiocarb	Insecticide	Restricted	14378	Ficam W 80% Wettable Powder Insecticide	Aircraft, dwellings and outdoor living areas, farm buildings, institutions, manufacturing, food processing and storage buildings, ornamentals, transport vehicles	31 Dec. 2008
		Commercial	16080	Ficam D 1% Dust Insecticide	Aircraft, beehives, dwellings and outdoor living areas, farm buildings, institutions, manufacturing, food processing and storage buildings, transport vehicles	31 Dec. 2008
		Restricted	19864	Trumpet Insecticide 80WP for Greenhouse Floriculture and Interior Plantscape	Ornamentals – greenhouse and interior plantscapes	31 Dec. 2008

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Bendiocarb (Cont.)	Insecticide (Cont.)	Restricted	20105	Ficam Plus Synergized Pyrethrins Insecticide	Aircraft, dwellings and outdoor living areas, farm buildings, institutions, manufacturing, food processing and storage buildings, transport vehicles	31 Dec 2008

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Bendiocarb (Cont.)	Insecticide (Cont.)	Restricted	20105	Ficam Plus Synergized Pyrethrins Insecticide	Aircraft, dwellings and outdoor living areas, farm buildings, institutions, manufacturing, food processing and storage buildings, transport vehicles	31 Dec. 2008